

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)
San Juan, Puerto Rico

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
January 2012

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE
Althea Austin-Smith,
Service Hydrologist
DATE
02/14/2012

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Summary: The San Juan ASOS reported 3.73 inches of rain for the month of January; 0.03 inches less than the normal of 3.76 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 1.99 inches for the month of January; 0.39 inches less than the normal of 2.38 inches.

"A generally fair and mainly dry weather pattern prevailed across the local islands during January 2012, which is climatologically typical for this time of the year. Passing showers embedded in the trades ruled the entire month, producing some cloudiness and light rainfall amounts. This pattern of limited low level moisture and stable conditions helped to suppress significant afternoon convection even across the favored areas of western Puerto Rico."

"Please see (<http://www.srh.noaa.gov/sju/?n=jan2012cr>) for January's Climate Report.

With the rainfall in the normal range for the month, the runoff and the river responses will also be normal for this time of year. This is the dry season so it is of no surprise that the river levels stayed at low flows and there was no flooding reported at the gaged locations around the region.

The approximate amounts of Hydrologic Products issued during the month of January are as follows:

Non-Routine Hydrologic Products Issued:	Approximate number of Products for the month
Hydrologic Outlooks (SJUESFSJU)	0
Flood Watches (SJUFFASJU)	0
Flood Warnings (SJUFLWSJU)	0
Flash Flood Warnings (SJUFFWSJU)	0
Flash Flood Statements (SJUFFSSJU)	0
Urban/Small Stream Flood Advisories (SJUFLSSJU)	3

For monthly "radar totals" use the archive of the Advanced Hydrologic Prediction Service (AHPS) - click on the Precipitation interface for San Juan, Puerto Rico and request the duration you would like to view...daily or monthly remembering that the 24 hour totals are from 12z – 12z (8am to 8am in PR) - [AHPS archive of radar totals/ images](#). Here are the [January 2012 totals](#).